

DOD Petroleum Hydrocarbon Cleanup Demonstration Program Overview. Dave Rice, Lawrence Livermore National Laboratory.

One of the important recommendations of the LLNL's 1995 *Recommendations To Improve the Cleanup Process for California's Leaking Underground Fuel Tanks (LUFTs)* study was to identify a series of LUFT demonstration sites and to form a panel of experts made up of scientific professionals from universities, private industry, and Federal and State regulatory agencies. This panel would provide professional interpretations and recommendations regarding LUFT evaluations and closures at demonstration sites. As a result of this recommendation, ten Department of Defense (DoD) sites were selected. Site selection was coordinated through the California Military Environmental Coordination Committee (CMECC) Water Process Action Team (PAT). Sites were selected to represent each branch of the military services with bases in California, as well as a number of Regional Water Quality Control Boards (RWQCB) and the diverse hydrogeologic settings in California where fuel hydrocarbon contaminant (FHC) cleanup problems occur. The sites selected and their corresponding RWQCB region are:

- Army Presidio at San Francisco, San Francisco RWQCB.
- Barstow Marine Corps Logistic Center, Lahontan RWQCB.
- Camp Pendleton Marine Corps Base, San Diego RWQCB.
- Castle Air Force Base, Central Valley RWQCB.
- China Lake Naval Weapons Center, Lahontan RWQCB.
- El Toro Marine Corps Air Station, San Diego RWQCB.
- George Air Force Base, Lahontan RWQCB.
- Port Hueneme Naval Construction Battalion Center, Los Angeles RWQCB.
- Travis Air Force Base, San Francisco RWQCB.
- Vandenberg Air Force Base, Central Coast RWQCB.

The Expert Committee (EC) shall provide its recommendations for an appropriate risk-management strategy at each site and the set of actions needed to achieve site closure, based on the concept of developing conceptual models that identify potential hazards associated with sources, pathways, and receptors. The recommendations will also include site specific findings regarding natural attenuation potential, and discussion with regulators. This presentation gives an overview of the current status of this program.

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